

**HUNTERS POINT NAVAL SHIPYARD  
BASE REALIGNMENT AND CLOSURE CLEANUP TEAM  
MEETING NOTES  
August 7, 2014**

These notes summarize the meeting of the Navy Base Realignment and Closure (BRAC) Cleanup Team (BCT) for Hunters Point Naval Shipyard (HPNS). The meeting was held at 10:00 a.m. on August 7, 2014 at CH2M HILL's office in Oakland, California.

**I. Introductions, Meeting Guidelines, Agenda Review, and Meeting Minutes**

Melanie Kito (Navy) began with introductions; participants are listed on the last page of this summary. Ms. Kito noted that Lara Urizar (Navy) will be leaving the HPNS team for a new position and that Keith Forman (Navy) will not be returning to the HPNS team. The action items from July were completed, with the exception of the proposed path forward for Area of Concern (AOC)-28J. Catherine Haran (Navy) will follow up with the California Department of Toxic Substances Control (DTSC).

**II. Radiological Program Update (Melanie Kito, Navy)**

- For the Parcel C Phase II storm and sanitary sewer removals, all 29 trench survey units have been backfilled. The Navy is collecting additional static measurements at the concrete survey units (10 through 13) at Ship Berths 1 and 2.
- At Buildings 211 and 253 all of the Class 1 gamma, alpha/beta, systematic swipe, and biased samples are complete. The Class 2 gamma surveying is ongoing and both systematic and biased samples and swipes are 90 percent complete. Biased samples and swipes in Class 3 areas are 100% complete.
- In Parcel E, the Navy has completed removal of 7,642 linear feet of the sanitary and storm drain systems along "I-Street". All 16 associated trench units are excavated. Of those, 11 are awaiting approval, approved, or currently being backfilled, and five have been backfilled and restored. Approximately 26,900 linear feet of piping still remain in Parcel E/E-2 that needs to be removed and/or capped in place.
- In Parcel D-1, the Navy is awaiting unrestricted radiological release for the Gun Mole Pier following California Department of Public Health (CDPH) analysis of confirmation samples and confirmation surveys conducted on March 18. Tracey Jue (CDPH) noted that there was a delay at the laboratory and these samples are being analyzed now.
- At Parcel D-1, field work resumed on July 14, 2014 and the Navy completed the FSS of Ship Berths 14, 21, 22, and 29, disposal of the wooden rail ties, and deconstruction and removal of radiological screening yard (RSY)-2. The Navy found eight radioactive commodities on Parcel D-1.
- A total of 34.7 miles of sanitary and storm drain system pipelines have been removed at HPNS with 29.5 miles remaining to be removed and/or capped in place.

### **III. Parcel B Remedial Action and Combined Site Path Forward (Lara Urizar, Navy)**

- The Navy gave a brief history of the soil vapor extraction (SVE) system progress on Parcel B and noted that as of July 18, 2014 a total of 14.8 lbs of volatile organic compounds (VOCs) have been removed. The SVE system influent sample concentrations are below the cleanup level and the system was shut down on July 18, 2014 due to inefficient operation. Following a two-week resting period, rebound monitoring will begin at the site and continue for three months. If the rebound monitoring results show rebound and exceed project action levels, the SVE system will be turned back on.
- The Navy previously presented at BCT meetings the extent of contamination in soil and pore water at the Combined Site on Parcel B. At this meeting the Navy presented the proposed approach for the contamination remaining at the Combined Site.
- No further action is required to address TPH and PAHs in shallow soil. Four deep soil areas (16' to 18' bgs) of TPH contamination are present within the footprint of the future revetment structure. The Navy is proposing to remove these areas via excavation prior to proceeding with the revetment construction.
- Two limited areas (approximately 288 cubic yards) of sediment on the bayward side of the concrete quay wall have the potential to impact the San Francisco Bay. The Navy has determined that removal of these two small areas would provide minimal benefit when weighed against the effort, logistical challenges, cost, and short-term public safety and environmental risks. The Navy noted that the potential impact from these two areas is minimal; therefore, the Navy proposes to leave the sediment in place to naturally attenuate.

### **IV. Parcel E-2 Hot Spot Remedial Action Update (Lara Urizar, Navy)**

- The Navy gave an overview of the pre-excavation sampling on Parcel E-2. In total 294 borings were advanced; of those 58 were step-out samples and 23 were vertical step-down samples. Additional step-out samples are still needed to horizontally bound T5-EX-1 on the State Parks property.
- The draft characterization technical memorandum will be submitted to the BCT members on August 22, 2014. Following agency concurrence, the hot spot excavations will begin in October 2014.

### **V. RU-C2 Remedial Action Excavation Update (Tony Konzen, Navy)**

- The Navy indicated all confirmation sample results were below the residential remedial goals for excavations at 13-1 and 20B-2.
- At excavation 20B-1, the remedial goals were not met in confirmation samples and the Navy will have to conduct additional investigation and remediation. Currently the excavation has extended down 10 feet below ground surface, which is the maximum depth of remediation prescribed in the Record of Decision (ROD).

- Confirmation samples at excavation 20A-1 either met remedial goals or the Navy encountered bedrock or utility corridors that did not allow for additional excavation.
- Baseline soil gas samples were collected from soil vapor monitoring point locations in June 2014. The soil vapor concentrations of VOCs in soil gas remain above remedial goals. An SVE system will be installed in the area of the soil vapor contamination.

#### **VI. Parcel E Remedial Design Scope (Lara Urizar, Navy)**

- The Parcel E ROD documented the selected remedy for soil, soil gas, shoreline sediment, and groundwater. It also covered the remedy at installation restoration site (IR)-03 at the former oily waste ponds. The ROD also covered radionuclides and groundwater monitoring, as well as institutional controls and maintenance of the site.
- Design of the durable covers, shoreline revetment, and slurry wall requires additional information that will be obtained through a pre-design investigation. The pre-design investigation will include a geotechnical evaluation, collecting lithologic data, and laboratory testing of the soft Bay Mud.
- Parcel E pre-design investigation will also include a methane survey at IR-03 and IR-12 to ensure protection of human health.
- The draft work plan and sampling analysis plan will be submitted for regulatory agency review on September 17, 2014.

#### **VII. Community Involvement Update (Melanie Kito, Navy)**

- The Navy received positive feedback from the community regarding their June bus tour. The Navy is also investigating providing a bus with disability access for a former shipyard worker who would like to see the current state of HPNS.
- The Navy is preparing for the next bus tour on August 23, 2014 and will conduct outreach similar to what was done in June. Handouts that will be distributed include the 2014 Annual Update Fact Sheet, bus tour map with description, and comment cards.
- The Navy completed the Annual Update Fact Sheet, and will complete fact sheets on the Radiological Program and Quarterly Progress Update in August. In addition, the Navy will finalize the Community Involvement Plan following receipt of final BCT comments.

#### **VII. Action Items/Future Meetings (Catherine Haran, Navy)**

##### ***New Action Items:***

- None

***Ongoing Action Items:***

- The Navy will check with DTSC on the need to schedule a call with the BCT members regarding the proposed path forward at AOC 28-J.

***Next Meetings:***

- The September BCT meeting will be held on September 4, 2014 at the CH2M HILL's office in Oakland, CA.

**Meeting participants:**

Saul Bloom, ArcEcology\*

Karla Brasaemle, TechLaw

Amy Brownell, City of SF

Jamie Egan, CH2M HILL

Catherine Haran, Navy

Bob Hunt, Alliance\*

Mahbub Hussain, Navy\*

Danielle Janda, Navy\*

Tracey Jue, CDPH

Nathan King, Water Board

Melanie Kito, Navy

Anthony Konzen, Navy\*

Lily Lee, USEPA

Leslie Lundgren, CH2M HILL

Alex Naugle, Water Board

Reggie Paulding, Navy\*

Christina Rain, Langen

John Sourial, ERRG

Denise Tucci, DTSC

Lara Urizar, Navy

Brett Womack, ITSI\*

\* Indicates attendee participated via telephone